

cDNA sequence of PCGEM1 Seq.ID No.1 BEST AVAILABLE COPY

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AAGGCACTCT GGCACCCAGT TTTGGAAGT CAGTTTTTAA AGTCATAAAT TGAATGAAAA TGATAGCAAA 70
GGTGGAGGTT TTAAAGAGC TATTTATAGG TCCCTGGACA GCATCTTTTT TCAATTAGGC AGCAACCTTT 140
TTGCCCTATG.CCGTAACCTG TGTCTGCAAC TTCCTCTAAT TGGGAAATAG TTAAGCAGAT TCATAGAGCT 210
GAATGATAAA ATTGTACTAC GAGATGCACT GGGACTCAAC GTGACCTTAT CAAGTGAGCA GGCTTGGTGC 280
ATTTGACACT TCATGATATC ATCCAAAGTG GAACTAAAAA CAGCTCCTGG AAGAGGACTA TGACATCATC 350
AGGTGGGGAG TCTCCAGGGA CAGCGGACCC TTTGGAAAAG GACTAGAAAG TGTGAAATCT ATTAGTCTTC 420

GATATGAAAT TCTCTGTCTC TGTAAGCA TTTTCATATTT ACAAGACACA GGCCTACTCC TAGGGCAGCA 490
AAAAGTGGCA ACAGGCAAGC AGAGGGGAAAA GAGATCATGA GGCATTTTCAG AGTGCCTGT CTTTTCATAT 560
ATTTCTCAAT GCCGTATGTT TGGTTTTATT TTGGCCAAGC ATAACAATCT GCTCAAGAAA AAAAAATCTG 630
GAGAAAACAA AGGTGCCTTT GCCAATGTTA TGTTCCTTTT TGACAAGCCC TGAGATTTCT GAGGGGAATT 700
CACATAAATG GGATCAGGTC ATTCATTTAC GTTGTGTGCA AATATGATTT AAAGATACAA CCTTTGCAGA 770
GAGCATGCTT TCCTAAGGGT AGGCACGTGG AGGACTAAGG GTAAAGCATT CTTCAAGATC AGTTAATCAA 840

GAAAGGTGCT CTTTGCAATC TGAAATGCCC TTGTTGCAAA TATTGGTTAT ATTGATTAAA TTTACACTTA 910
ATGGAAACAA CCTTTAACTT ACAGATGAAC AAACCCACAA AAGCAAAAAA TCAAAAGCCC TACCTATGAT 980
TTCATATTTT CTGTGTAAGT GGATTAAAGG ATTCCTGCTT GCTTTTGGGC ATAAATGATA ATGGAATATT 1050
TCCAGGTATT GTTTAAATG AGGGCCCATC TACAAATTCT TAGCAATACT TTGGATAATT CTAAATTTCA 1120
GCTGGACATT GTCTAATTGT TTTTATATA CATCTTTGCT AGAATTTCAA ATTTTAAGTA TGTGAATTTA 1190
GTTAATTAGC TGTGCTGATC AATTCAAAAA CATTACTTTC CTAAATTTTA GACTATGAAG GTCATAAATT 1260

CAACAAATAT ATCTACACAT ACAATTATAG ATTGTTTTTC ATTATAATGT CTTTCATCTTA ACAGAATTGT 1330
CTTTGTGATT GTTTTAGAA AACTGAGAGT TTTAATTCAT AATTACTTGA TCAAAAAAATT GTGGGAACAA 1400
TCCAGCATT AATTGATGTG ATTGTTTTTA TGTACATAAG GAGTCTTAAG CTTGGTGCCT TGAAGTCTTT 1470
TGTACTTAGT CCCATGTTTA AAATTACTAC TTTATATCTA AAGCATTTAT GTTTTCAAT TCAATTTACA 1540
TGATGCTAAT TATGGCAATT ATAACAAATA TTAAAGATT CGAAATAGAA AAAAAAAAAA AAA 1603

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Figure 8. Full length cDNA sequence of PCGEM1 was obtained by 5 prime and 3 prime RACE Marathon ready cDNA kit(Clontech, CA) and screening of normal human Prostate cDNA library(Clontech, CA) using original PCGEM1 fragment as probe. The DNA sequencing was performed on ABI-310 sequence analyzer.